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NOTES.

Dr. Saul Epstein has been elected to the chair of Applied Mathematics in the University of Colorado, made vacant by the resignation of Dr. Arnold Emch who has accepted the professorship of Mathematics in his alma mater in Switzerland. F.

The April Number of the *Educational Times*, London, England, announced the death of Rev. Allen Whitworth, Prebendary of St. Paul's Cathedral. Mr. Whitworth was among the earliest contributors to the mathematical columns of the *Educational Times*, his name occurring in the list of contributors to the first volume of the Reprint. He was a recognized authority in pure probability, and his little book, "Choice and Chance," together with his "DCC Exercises" afford the most reliable source from which to gain information of the essential principles underlying the subject. F.

With this issue of the MONTHLY Dr. Saul Epstein, who has so ably edited the Department of Problems and Solutions in the MONTHLY from October, 1903, to January, 1905, and who very kindly consented to assist in editing that Department since January, 1905, will retire from the editorial staff. It will be remembered that Dr. Epstein assumed this work in order to relieve us from the care and responsibility while attending the University of Pennsylvania. We take this opportunity to express our keen appreciation of his services and to thank him for the interest, efficiency, and care he has taken in the work. F.

BOOKS AND PERIODICALS.

Supplementary Algebra. By R. L. Short. Small 8vo, Paper Cover. 45 pages. Boston: D. C. Heath & Co.

This monograph was written with a view to satisfy the demands coming from teachers for supplementary work in algebra. The graph is used to represent functions, and many of the illustrations have been taken from the calculus and mechanics. A number of excellent short methods in reduction and the solution of equations are introduced. F.

Examples in Algebra. Eight Thousand Exercises and Problems Carefully Graded from the Easiest to the Most Difficult. By Charles M. Clay, Head Master of Roxbury High School, Boston, Mass. 8vo, Cloth, viii+372 pages. Price, 90 cents. New York: The Macmillan Co.

The author sounds the key-note of successful algebra teaching, when he asserts that the first need of beginners in algebra is drill, drill, drill until the fundamental processes become as familiar to them as in arithmetic. He believes that too much time put in upon problems teaches the student to think rather than to act, and too much upon examples to act rather than to think, and so a judicious mixture of both is the only wise course. To this end these examples and problems are supplied. They are carefully graded and are well chosen. F.